

REPORT

On

National Conference on
Environmental Technologies:
Today & Tomorrow
(ETTT-2012)

Jointly organized by



GUJARAT TECHNOLOGICAL
UNIVERSITY

&

Environmental Engineering
Department, LDCE, Ahmedabad

on

18-19th May, 2012.



Prof. M N Patel , Principal of L. D. College of Engineering, delivered the inaugural address, in which he gave an impression about the increasing public awareness related to Environmental issues. He appreciated the efforts of Environment Engineering Department for organizing a national conference to address the issue.



Dr. Gitesh Joshi expressed the desire of GTU to support such conferences in future also. The keynote address on the theme of the conference was delivered by Dr. B R Naidu, Additional.

Director, Central Pollution Control Board, who welcomed the concept of Environmental Technologies: Today & Tomorrow but reminded the audience about not to forget the past.



According to him past has taught us many lessons. Dr. K U Mistry, Chairman of Gujarat Pollution Control Board and Chief Guest of the function stressed upon the importance of



safety issues along with the environmental protection and the preservation. He emphasized upon the need for incorporating the Industrial Safety and Hygiene in the curriculum. The inaugural session ended with vote of thanks by Prof. G H Ban, Associate Prof. Environmental Engineering Department.

The theme of the First technical session was Anaerobic Biotechnology, which was chaired by Dr A K A Rathi, Faculty of Planning & Public Policy, CEPT University.



The 1st speaker was Prof Dr N S Varandani, who delivered an expert lecture on High Rate Anaerobic Reactor (HRAR). He emphatically expressed that the future belongs to adoption and application of HRARs in the backdrop of the looming energy crisis. Dr. Anand Vashi, Director, Enviro Control Associates presented his views on the post treatment options for UASB treated sewage. He compared the techno-economical aspects of different options. Dr. Gopichandran, Principal Research Scientist, GERMI, highlighted the important role played by protozoa in the mineralization under anaerobic conditions. The session ended with an interesting round of questions and answers.





The second session was devoted to Air Pollution Control at source and urban air quality. The session was carried out by Dr. P P Oza, retired. Prof. of Environment Engineering, Ms Nitasha Khatri from Gujarat Environment Management Institute (GEMI) presented a paper on Source Apportionment Study – an approach towards urban air quality

management. She provided the information about the methodology to be adopted for proposed study for Ahmedabad. Mr. D M Thakkar, in-charge Environmental Engineering, Gujarat Pollution Control Board, expressed



his views the need of the advanced environmental technologies as an answer to non compliance. Mr. Bhushan Ketkar, Senior Consulting Engineer, from Sharp Technologies, Pune presented his paper on the advanced SO₂ Control systems with focus on the reactor developed by them. The session ended with questions and answers.



Session 3 was for the technology suppliers. Prof. J N Joshi, retired. Prof of Environment Engineering chaired the session. Shri Bharatbhai Shah, Director of Aquitech, talked about ‘Get the Best of the pumps’ & provided the possible solutions of the pump problems through the software application. Shri Jayeshbhai Parikh provided high quality objective practical data related to “MEE as an approach towards Zero Discharge”. Finally, Shri Kalpesh Dhankara from M/s. IVIVO technologies presented his views on Membrane bioreactors for waste water treatment. His topic was ‘State of the art Environmental Technologies – Water & Wastewater’. The session ended with question and answers.



DAY 2: 19th May 2012, Saturday

The fourth session was dedicated to the Concept of Recycling and Reuse of water, which was



chaired by Mr. Chokhavatia, a Senior Environmental Consultant. Dr. A K A Rathi, Faculty at CEPT, highlighted the need for adopting and developing the concept of recycling and reuse of water as a new source of water. The session ended with question and answers.



Mr. Ajit Khandeshe, Director of M/s. Kwan (P) Ltd. Bombay informed the august audience about the application of



membrane technologies in water and waste water treatment leading to recycling and reuse of water. Prof. S M Patel, Associate Prof (Mech.) explained the applicability of compound parabolic concentration for evaporation of effluent as an approach towards zero discharge.



The fifth session was devoted to the presentation by the faculty members from different Institutes of India. Highlight was the presentation by Dr. Samson Ojawa from University of Technology, Nigeria.

The last session was reserved for presented by the students from different institutes of state and outside. The presented papers were judged by a panel for award of 1st and 2nd Prize.



The Valedictory Function was graced by Prof. M N Patel and Prof. J N Joshi. The best paper award was given to Ms Jayshree Jagwani by Prof. M N Patel .

Event at a glance





